



SPYWOLF

Security Audit Report



Completed on
August 1, 2022

MADE IN USA 

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **Pavilion Network** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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PAVILION

PAVILION NETWORK

PROJECT DESCRIPTION

According to their whitepaper:

Pavilion Network aim to be a largest social media platform “decentralized version of TikTok”. Users will be able to engage in the platform’s create-to-earn economy through a variety of actions including creating, commenting, or otherwise engaging with posts. \$PAV tokens will be used as payment for the entire Pavilion ecosystem utilities.

Release Date: Presale starts on August, 2022

Category: P2E/Metaverse

01



CONTRACT INFO

Token Name
Pavilion

Symbol
PAV

Contract Address

0x98F388F3f52889Dbf090b74179A2984712F9960B

Network

Binance Smart Chain

Language

Solidity

Deployment Date

July 20, 2022

Verified?

Yes

Total Supply

790,000,000

Status

Not launched

TAXES

Buy Tax
none

Sell Tax
10%

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of August 01, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	7900000000 PAV
Median Transfer Amount	7900000000 PAV
Average Transfer Amount	7900000000 PAV
First transfer date	2022-07-20
Last transfer date	2022-07-20
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	Jul-20-2022 08:35:20 AM +UTC
Created	Jul-20-2022 08:35:20 AM +UTC
Create TX	0x2a4fe3baa019887c5c7de7ec9e024ae210b41c014ff404bc3f0be5ca9c7f9f7a
Creator	0x46d8b321c443079698aaf213b5555fe1ad7fc6a



FEATURED WALLETS

Owner address	0x46d8b321c443079698aaf213b5555fealad7fc6a
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS

1



Same as owner

*Tokens are not distributed yet



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

Once the minimumTokensBeforeSwap value is reached from the fees accumulated in the contract, selling fails.

```
bool canSwap = contractTokenBalance >= minimumTokensBeforeSwap;

if (
    canSwap &&
    !swapping &&
    !automatedMarketMakerPairs[from] &&
    from != owner() &&
    to != owner()
) {
    _startTimeForSwap = block.timestamp;
    swapAndLiquifycount = swapAndLiquifycount.add(1);
    swapping = true;

    SwapAndLiquify(contractTokenBalance);

    swapping = false;
}
```



Informational

Owner can exclude address from fees.

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(
        _isExcludedFromFees[account] != excluded,
        "MicroPets: Account is already the value of 'excluded'"
    );
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

function excludeMultipleAccountsFromFees(
    address[] calldata accounts,
    bool excluded
) public onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFees[accounts[i]] = excluded;
    }

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Pavilion

GOOD PRACTICES FOUND

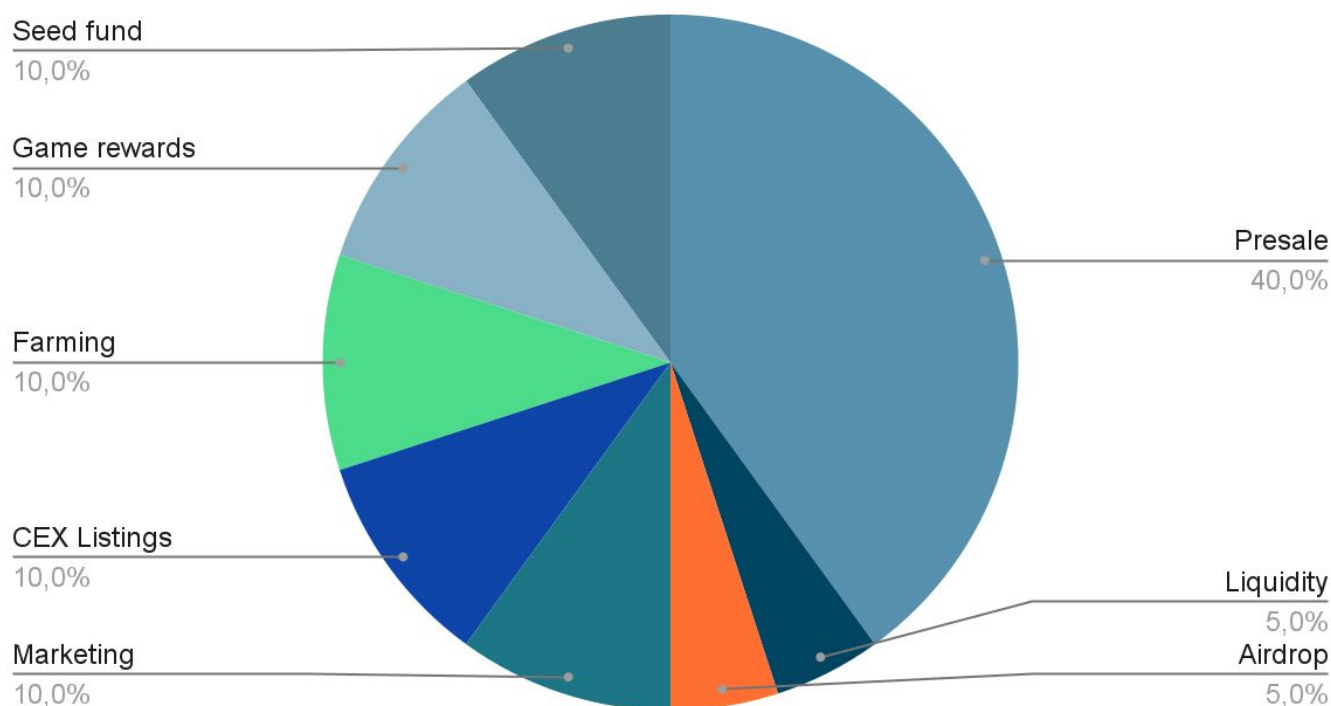
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 40% - Presale
- 10% - CEX Listings
- 10% - Farming
- 10% - Marketing
- 10% - Game rewards
- 10% - Seed fund
- 5% - Liquidity
- 5% - Airdrop

Tokens distribution



Analysis:

⚠ According to the current token distribution ratios, if only the Seed fund tokens are sold on launch, this will lead to more than -75% price drop.

If the Seed fund and Marketing tokens are sold on launch, this will lead to above -90% price inflation.

If the Seed fund, Marketing tokens and Airdrop tokens are sold at launch, this will lead to above -95% price drop.

TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL
<https://pavicoin.io/>

Domain Registry
<https://www.godaddy.com>

Domain Expiration
Expires on 2023-07-20

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design,
appropriate color scheme
and graphics.

Content
The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper
Well written, explanatory.

Roadmap
Yes, goals set without time
frames.

Mobile-friendly?
Yes



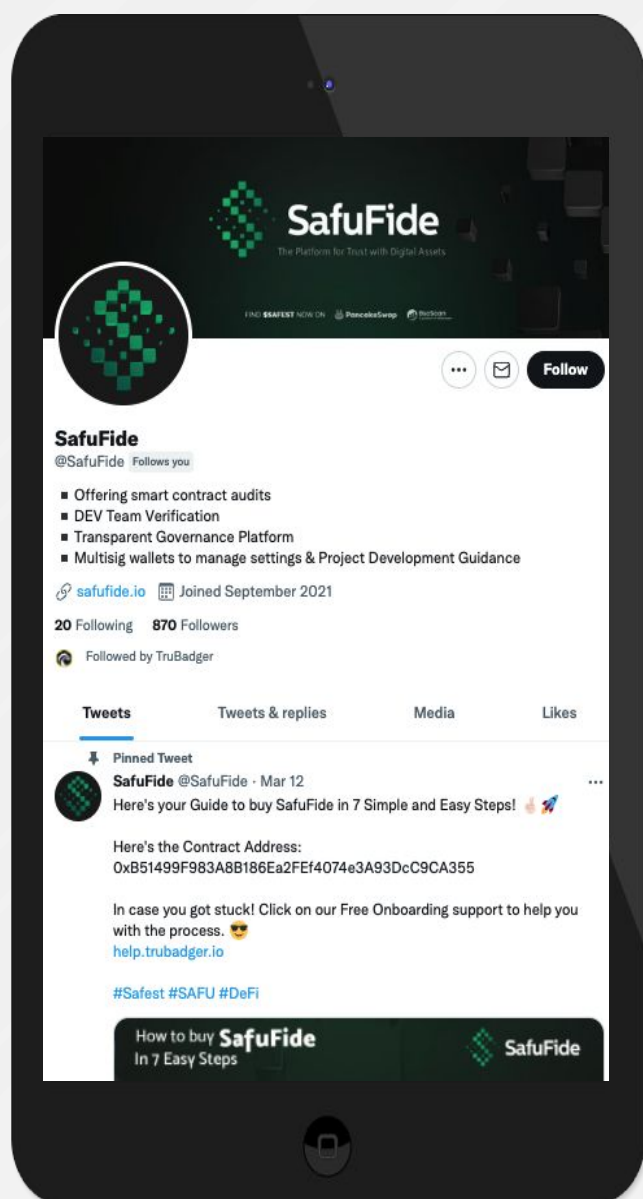
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SOCIAL MEDIA & ONLINE PRESENCE

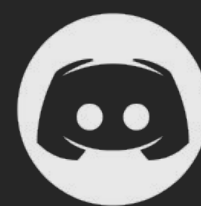


ANALYSIS



Twitter

- Not available ⚠️



Discord

- Not available



Telegram

@RetroArenaOfficial

- 6 286 members
- No active members ⚠️
- No active mods ⚠️
- Group is of previously abandoned and dumped token by the team ⚠️⚠️⚠️



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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contact@spywolf.co or
t.me/joe_SpyWolf

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.